
Bus Error Monitor

BERR messages

BERR0000	CP local slave BERR.
BERR0001	CP IPB master data error.
BERR0002	CP IPB master time out.
BERR0003	CP IPB master error.
BERR0004	CP local decode error.
BERR0005	CP illegal access.
BERR0006	CP BIC default BERR {address}.
BERR0007	CP BIC BERR {address}.
BERR0010	CP triggered BERR {address}.
BERR0012	SRA DMA access BERR {address}.
BERR0016	CP SRA parity BERR {address}.
BERR0017	CP HPM timeout BERR {address}.
BERR0020	CP AP No response BERR {address}.
BERR0021	CP AP BIC IPB parity {address}, {ERRZ}.
BERR0022	CP AP local BERR {address}, {ERRZ}.
BERR0023	CP AP BIC illegal access {address}, {ERRZ}.
BERR0024	CP AP BIC default BERR {address}, {ERRZ}.

BERR

BERR0200	SIMM: Write protection violation.
BERR0201 x y	SIMM x y: Parity error at remote x y (address). Action: Reseat the SIMMs. If the problem persists, replace the CP card.
BERR0202 x y	SIMM x y: Parity error at local x y (address). Action: Reseat the SIMMs. If the problem persists, replace the CP card.
BERR0203 x y	SIMM x y: Unrecoverable memory or register Write error at x y (address). Action: Reseat the SIMMs. If the problem persists, replace the CP card.
BERR0204 x y	SIMM x y: Unrecoverable memory or register Read/Write error at x y (address). Action: Reseat the SIMMs. If the problem persists, replace the CP card.
BERR0300 x y z	CNIP xyz: {address}, {BERZ}.
BERR0400 x y	CNIB x y: data parity error.
BERR0401 x y	CNIB x y: Local master parity error.
BERR0402 x y	CNIB x y: Local master timeout.
BERR0403 x y	CNIB x y: Local master bus error.
BERR0404 x y	CNIB x y: IPB event interrupt read.
BERR0405 x y	CNIB x y: Local priority request asserted.
BERR0406 x y	CNIB x y: Unaligned ID EPROM access.
BERR0407 x y	CNIB x y: Unaligned event interrupt access.
BERR0408 x y	CNIB x y: {ADD}, {PARERRZ}, {IPBNT}, {BERRZ}, {ERRZ}.
BERR0500	HI EXC Self x: Restarting self due to queue corruption.
BERR0501	HI EXC Self x: Retrying Bus error analysis.
BERR0502 x	HI EXC Self x: TID: y Action: x.
BERR0503 x	HI EXC Self x: Action: x.

BERR0504 x	HI EXC x: Task x suspended.
BERR0505 x	HI EXC x: Recovered from Bus error in ISR x (address).
BERR0506 x	HI EXC x: Starting analysis of Bus error from unknown task at x (address). Note that the state of this task cannot be changed.
BERR0507 x	HI EXC x: Starting analysis of task x.
BERR0508 x y	HI EXC x: Completing analysis of task x. Decision: y.
BERR0509	HI EXC x: Bus error in ISR. SR = a, PC = b, Addr = c, SSW = d.
BERR0510	HI EXC x: Bus error in task x. SR = a, PC = b, Addr = c, SSW = d.
BERR0511	HI EXC x: Restart of Task x has been averted. Unknown address y has been remapped. Number of remapped addresses: z. Total number of remaps: n.
BERR0512	HI EXC x: Address remap threshold has been exceeded. Action: Restart the system.
BERR0513	HI EXC x: Address remap has been initialized.
BERR0514	HI EXC x: Recovered from Bus error at address x.
BERR0515	HI EXC x: Analyzing task x. Recommendation: y.
BERR0600 x y z	NCB x y: Action: Check device x at address y in group z. Check I/O device, network device, or PS card.
BERR0601 x	NCB x y: No response from 3PE on group x. Action: Check both connectors on both ends of the CNI to 3PE cable. Be sure the 3PE Enable/Disable switch is Enabled (up), and switch settings are correct.
BERR0700	EXCH: Total threshold exceeded: {vector}, {PC}, {fault address}.
BERR0701	EXCH: Threshold exceeded: {vector}, {PC}.
BERR0702	EXCH: Total threshold exceeded: {vector}, {PC}, {fault address}.
BERR0703	EXCH: Total threshold exceeded: {vector}, {PC}.
BERR0704	EXCH x: y in ISR. SR = a, PC = b, Addr = c, SSW = d

BERR

BERR0705	EXCH x: y in task n. SR = a, PC = b, Addr = c, SSW = d
BERR0800 x y	IOP x y: ERRZ reason register content:??
BERR0801 x y	IOP x y: BIC detected an IPB data parity error.
BERR0802 x y	IOP x y: BIC detected a local data parity error.
BERR0803 x y	IOP x y: Local IOP bus timer timed out.
BERR0804 x y	IOP x y: BIC received a local bus error.
BERR0805 x y	IOP x y: IPB attempted an event interrupt read.
BERR0806 x y	IOP x y: Local IOP bus asserted priority request during an inbound cycle.
BERR0807 x y	IOP x y: IPB attempted an unaligned IDP ROM access.
BERR0808 x y	IOP x y: IPB attempted an unaligned event interrupt.
BERR0809 x y	IOP x y: IOP window is disabled.
BERR0810 x y	IOP x y: Wrong IOP window size.
BERR0811 x y	IOP x y: Wrong IOP substitution address: x should be y.
BERR0812 x y	IOP x y: Wrong IOP IPB match address: x should be y.
BERR0813 x y	IOP x y: Wrong IOP top of card address: x should be y.